



# Crop Weather Report

**Issue: 07-09**  
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For the Week Ending:  
May 6, 2007

## Agricultural Summary

Above normal precipitation was received across most of the state last week. Broadus received 4.12 inches, the most in the state. Sheridan received 1.59 inches of moisture on Saturday, breaking the 1993 record for that day of 0.6 inches. On May 4<sup>th</sup>, Missoula, Butte, and Kalispell set new precipitation records of 0.76, 0.55, and 0.84 inches, respectively. Hardin and Miles City were the hot spots reaching 86 degrees, and Wisdom got down to 9 degrees. Topsoil moisture adequate and surplus is 90 percent, above last week's 85 percent and last year's 82 percent. Subsoil moisture adequate and surplus, at 71 percent, is better than last week's 65 percent and last year's 68 percent. Days suitable for fieldwork decreased from 5.1 to 4.6 due to rainfall.

The weather outlook for May 14<sup>th</sup> through the 20<sup>th</sup> is for above normal temperatures and below normal precipitation east of the continental divide and for above normal temperatures and near normal precipitation west of the divide. Normal temperatures for this period in Montana are for highs in the mid 50s to the upper 60s and for lows in the upper 20s to the lower 40s.

Fieldwork & Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Days Suitable for Fieldwork</b>				
Days	4.6	5.1	5.7	5.1
<b>Field Tillage Work in Progress</b>				
None	3	16	13	22
Just Started	17	32	20	9
Well Underway	80	52	67	69
<b>Topsoil Moisture</b>				
Very Short	1	2	2	15
Short	9	13	16	26
Adequate	77	71	77	54
Surplus	13	14	5	5
<b>Subsoil Moisture</b>				
Very Short	5	7	7	29
Short	24	28	25	31
Adequate	62	60	62	37
Surplus	9	5	6	3

## Livestock Report

Range and pasture feed condition good and excellent is 65 percent, up from last week's 52 percent and last year's 61 percent. The need for supplemental feed continues to decrease with 91 percent of pastureland open for grazing. Calving is nearly complete at 95 percent. Lambing is 86 percent complete.

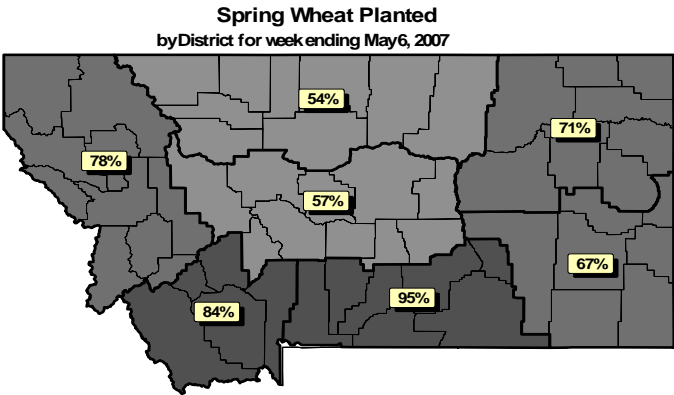
Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Receiving Supplemental Feed</b>				
Cattle & Calves	47	60	45	n/a
Sheep & Lambs	47	60	47	n/a
<b>Livestock Grazing</b>				
Open	91	88	92	n/a
Difficult	3	5	6	n/a
Closed	6	7	2	n/a
<b>Moved to Summer Ranges</b>				
Cattle & Calves	29	19	21	n/a
Sheep & Lambs	29	16	11	n/a
<b>Livestock Birthing</b>				
Calving Complete	95	90	95	94
Lambing Complete	86	77	85	82

## Field Crops Report

Farmers are further along with planting this year than last year with all spring crops. Eighty percent of fieldwork is well underway compared to 67 percent last year. Five percent of winter wheat is in the boot stage compared to 4 percent last year. Emergence of durum wheat is behind last year and the five-year average. Winter wheat good and excellent, at 75 percent, is better than last week's 66 percent and last year's 72 percent.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Planted</b>				
Barley	70	48	65	63
Spring Wheat	63	41	46	58
Durum Wheat	38	27	23	31
Oats	66	40	39	44
Dry Peas	64	59	57	n/a
Lentils	69	23	40	23
Corn	47	9	23	28
Sugar beets	80	44	71	85
<b>Emerged</b>				
Barley	26	10	16	24
Spring Wheat	13	4	7	17
Durum Wheat	2	n/a	3	6
Oats	25	5	4	12
Dry Peas	11	2	2	n/a
Lentils	3	n/a	0	n/a
Sugar beets	22	7	16	27
<b>Boot Stage</b>				
Winter Wheat	5	2	4	2

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Winter Wheat-Spring Stages</b>				
Still Dormant	0	1	n/a	n/a
Greening	6	13	n/a	n/a
Greening and Growing	94	86	n/a	n/a
<b>Winter Wheat</b>				
Very Poor	1	1	2	12
Poor	4	4	4	13
Fair	20	29	22	28
Good	51	51	48	36
Excellent	24	15	24	11



Range & Pasture Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Range and Pasture Feed Condition</b>				
Very Poor	0	1	1	13
Poor	8	13	5	21
Fair	27	34	33	35
Good	51	41	47	26
Excellent	14	11	14	5

## Weather Information for the Week ending 05/06/2007

Station ID						Precipitation								
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date			
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM	
NORTHWEST														
Alberton	78	27	49	20	+12	0.36	+0.04	1.10	-0.14	89	11.71	+4.76	168	
Anaconda	77	25	47	22	+22	0.88	+0.42	2.89	+1.14	165	9.01	+2.97	149	
Clinton	78	25	47	16	+8	0.75	+0.43	2.18	+0.94	176	10.90	+3.95	157	
Corvallis	81	28	49	24	+14	0.55	+0.24	1.75	+0.52	142	4.59	-2.37	66	
Creston	77	32	49	13	+6	0.90	+0.45	2.47	+0.63	134	7.12	-2.97	71	
Deer Lodge	77	24	46	19	+19	0.71	+0.39	1.99	+0.96	193	5.25	+1.35	135	
Drummond	78	20	46	14	+7	1.06	+0.71	2.29	+0.93	168	6.03	-0.19	97	
Hamilton	81	26	51	31	+21	0.48	+0.17	1.84	+0.61	150	5.82	-1.14	84	
Kalispell	75	28	49	16	+8	0.87	+0.52	1.79	+0.39	128	7.69	-1.26	86	
Missoula	80	29	51	35	+27	0.72	+0.40	1.49	+0.25	120	6.99	+0.04	101	
Olney	72	25	45	5	-2	0.29	-0.11	0.76	-0.96	44	12.46	-1.61	89	
Polson	73	31	50	18	+4	1.15	+0.74	2.79	+1.17	172	7.64	-0.59	93	
St Ignatius	75	32	49	19	+5	1.21	+0.76	2.75	+0.99	156	8.10	+0.10	101	
Seeley Lake	75	28	49	15	+15	1.01	+0.65	1.65	+0.05	103	12.19	-1.70	88	
Sula	75	22	47	17	+17	1.13	+0.67	3.31	+1.56	189	8.69	+0.65	108	
Superior	81	28	52	31	+13	0.23	-0.09	1.33	-0.11	92	11.14	+1.13	111	
Swan Lake	78	29	47	9	+2	1.00	+0.54	3.13	+1.12	156	18.88	+0.81	104	
Thompson Falls	72	30	47	8	-14	0.47	+0.06	2.06	+0.20	111	19.59	+3.92	125	
West Glacier	77	25	48	19	+12	1.12	+0.63	2.55	+0.45	121	19.40	+1.46	108	
NORTH CENTRAL														
Chester	80	27	52	30	+13	0.39	+0.09	2.22	+1.18	213	5.96	+2.51	173	
Chinook	79	32	54	30	+4	0.46	+0.05	2.54	+1.06	172	6.33	+2.11	150	
Choteau	77	27	51	21	+4	0.63	+0.29	2.38	+1.28	216	4.09	+1.02	133	
Cut Bank	75	31	49	18	+11	0.22	-0.15	0.56	-0.58	49	1.04	-2.43	30	
Ft Assinniboine	81	32	52	29	+3	0.15	-0.23	1.73	+0.40	130	5.24	+0.89	120	
Fort Benton	81	31	53	30	+2	0.22	-0.23	2.35	+0.75	147	6.68	+0.96	117	
Goldbutte	73	31	51	24	+10	0.61	+0.24	2.89	+1.61	226	7.01	+2.98	174	
Harlem	78	26	53	24	+0	0.22	-0.13	2.61	+1.44	223	5.62	+1.84	149	
Havre	82	33	54	36	+14	0.20	-0.11	2.31	+1.10	191	5.70	+1.50	136	
Malta	80	33	56	45	+28	0.21	-0.17	1.93	+0.68	154	4.71	+0.83	121	
Rudyard	78	26	52	29	+1	0.23	-0.25	2.75	+1.28	187	6.06	+1.21	125	
Shelby	74	31	49	11	-3	0.31	-0.06	2.41	+1.20	199	5.81	+2.23	162	
Turner	77	27	53	28	+11	0.27	-0.11	2.26	+1.01	181	4.09	+0.21	105	
Valier	76	31	50	19	+5	0.38	+0.01	2.22	+1.01	183	4.16	+0.58	116	
NORTHEAST														
Bredette	81	32	55	38	+16	1.06	+0.73	1.58	+0.49	145	4.61	+1.23	136	
Culbertson	83	26	56	46	+22	0.98	+0.57	1.51	-0.02	99	4.82	+0.56	113	
Glasgow	82	35	57	56	+31	1.11	+0.81	1.90	+0.95	200	4.01	+0.74	123	
Glendive	84	39	62	90	+57	1.19	+0.83	2.14	+0.64	143	5.45	+0.97	122	
Jordan	82	36	58	58	+30	0.80	+0.38	2.80	+1.27	183	5.11	+0.59	113	
Nashua	82	33	57	54	+29	1.92	+1.62	3.08	+2.13	324	5.60	+2.33	171	
Opheim	77	25	53	31	+16	0.95	+0.63	1.39	+0.59	174	3.38	+0.55	119	
Plentywood	81	29	57	54	+34	1.19	+0.82	1.63	+0.44	137	3.97	+0.43	112	
St Marie	79	34	57	48	+23	1.98	+1.68	2.57	+1.62	271	4.09	+0.82	125	
Scobey	80	32	56	47	+25	1.28	+0.95	2.00	+0.91	183	4.32	+0.94	128	
Sidney	81	31	58	60	+29	1.33	+0.96	2.20	+0.69	146	4.83	+0.18	104	
Wolf Point	82	30	58	61	+33	1.05	+0.59	1.52	-0.31	83	3.17	-2.09	60	
CENTRAL														
Cascade	79	24	50	24	+17	0.45	-0.05	2.39	+0.74	145	6.44	+1.04	119	
Grass Range	77	34	54	36	+20	0.10	-0.51	2.10	+0.10	105	8.03	+1.85	130	
Great Falls	85	32	52	35	+20	0.46	-0.01	2.85	+1.03	157	7.44	+0.75	111	
Harlowton	81	32	50	19	+5	0.17	-0.23	1.80	+0.49	137	6.49	+1.79	138	
Helena	81	36	55	52	+38	0.43	+0.10	1.25	-0.01	99	4.36	-0.34	93	
Lewistown	77	30	52	33	+26	0.24	-0.32	1.81	+0.11	106	7.08	+0.01	100	
Martinsdale	80	27	50	24	+17	0.21	-0.22	1.24	-0.06	95	4.91	+0.28	106	
Neihart	76	25	48	18	+18	0.52	-0.15	2.63	+0.44	120	12.03	+3.35	139	
Rogers Pass	76	31	49	18	+4	0.99	+0.58	3.20	+1.76	222	7.85	+3.12	166	
Roundup	77	39	57	52	+24	0.05	-0.39	2.29	+0.88	162	6.74	+2.30	152	
Ryegate	73	31	51	20	+13	0.01	-0.37	1.98	+0.69	153	6.30	+1.87	142	
Stanford	76	31	51	25	+16	0.33	-0.22	1.84	+0.04	102	6.54	+0.51	108	
Townsend	78	29	53	34	+14	0.28	-0.01	1.11	+0.10	110	4.08	+0.21	105	
Valentine	76	35	55	39	+22	0.00	-0.55	1.63	-0.05	97	6.07	+1.03	120	
Wht Sulphur Spr	77	29	50	24	+24	0.12	-0.30	1.09	-0.37	75	3.98	-3.08	56	
SOUTHWEST														
Boulder	76	25	50	25	+18	0.45	+0.13	0.90	-0.20	82	4.10	-0.11	97	
Bozeman	78	30	53	45	+33	0.48	-0.13	3.43	+1.03	143	13.91	+5.02	156	
Butte	76	23	47	24	+24	0.61	+0.28	1.77	+0.56	146	5.72	+1.17	126	
Dillon	78	28	50	36	+29	0.85	+0.53	1.99	+0.80	167	5.44	+1.95	156	
Ennis	80	27	51	36	+29	0.19	-0.18	1.55	+0.06	104	7.00	+1.98	139	
Lakeview	71	27	47	10	+10	0.23	-0.19	1.25	-0.68	65	8.11	-1.92	81	
W Yellowstone	76	24	45	11	+11	0.07	-0.34	2.23	+0.35	119	9.17	-3.90	70	
Wisdom	71	9	41	6	+6	1.27	+0.99	2.29	+1.19	208	8.13	+3.24	166	
SOUTH CENTRAL														
Billings	83	37	56	46	+25	0.48	-0.06	2.99	+0.78	135	8.83	+1.15	115	
Cooke City	73	30	49	23	+23	0.18	-0.33	2.06	-0.20	91	7.95	-6.13	56	
Gardiner	73	28	48	19	+5	0.13	-0.14	0.46	-0.42	52	4.28	-0.05	99	
Hardin	86	41	61	82	+61	0.87	+0.33	2.19	-0.10	96	7.57	-0.22	97	
Huntley	83	36	56	45	+24	0.19	-0.30	2.69	+0.72	137	7.48	+1.33	122	
Hysham	82	43	60	74	+43	0.49	+0.00	2.76	+0.98	155	7.95	+2.53	147	
Joliet	84	32	53	33	+12	0.66	-0.01	2.59	+0.09	104	8.46	+0.70	109	
Livingston	77	28	51	27	+13	0.04	-0.50	2.87	+0.96	150	8.94	+2.60	141	
Nye	79	32	52	33	+19	0.31	-0.23	3.22	+1.31	169	8.44	+2.10	133	
Rapelje	75	33	53	30	+16	0.05	-0.47	2.21	+0.39	121	6.59	-0.09	99	
SOUTHEAST														
Albion	84	32	57	52	+33	1.57	+1.10	2.47	+0.66	136	6.84	+1.79	135	
Baker	79	41	57	53	+30	1.68	+1.26	2.88	+1.12	164	6.49	+1.23	123	
Broadus	82	42	61	78	+56	4.12	+3.64	5.03	+3.12	263	9.38	+3.52	160	
Ekalaka	78	41	57	55	+34	3.08	+2.59	4.09	+2.01	197	9.59	+3.49	157	
Miles City	86	45	61	81	+51	2.08	+1.66	3.24	+1.52	188	6.04	+0.62	111	
Plevna	80	39	58	57	+34	1.67	+1.25	2.42	+0.66	138	6.77	+1.51	129	
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days														